

Work Backwards

Practice — ANSWER KEY

Undo two steps, from the end.

Think: Start at the END and undo each step in reverse order.

1. Work backwards to find the starting number. Undo each step!

1) I thought of a number, then subtracted 8, then added 17, and got 17. What was my number?



My number = 8

2) I thought of a number, then subtracted 11, then added 24, and got 25. What was my number?



My number = 12

3) I thought of a number, then subtracted 3, then added 20, and got 21. What was my number?



My number = 4

4) I thought of a number, then added 23, then subtracted 12, and got 23. What was my number?



My number = 12

5) I thought of a number, then subtracted 4, then subtracted 3, and got 2. What was my number?



My number = 9

6) I thought of a number, then subtracted 12, then subtracted 3, and got 1. What was my number?



My number = 16

7) I thought of a number, then added 7, then subtracted 16, and got 7. What was my number?



My number = 16

8) I thought of a number, then subtracted 8, then subtracted 4, and got 0. What was my number?



My number = 12